



Attorney Docket No: SLM-064000

RE/PATENT

DEC 30 2002

TECHNOLOGY CENTER 2000

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

David T. Amm et al.

Serial No.: 09/930,838

Filed: August 15, 2001

For: **BLAZED GRATING LIGHT
VALVE**

Group Art Unit: 2872

Examiner: Juba Jr, John

**IN RESPONSE TO THE OFFICE
ACTION DATED SEPTEMBER 25, 2002**

162 North Wolfe Road
Sunnyvale, California 94086
(408) 530-9700

Assistant Commissioner of Patents
Washington, D.C. 20231

Sir:

AMENDMENT

IN THE DRAWINGS:

Please replace sheet 11/12 with the new sheet 11/12 attached hereto.

IN THE CLAIMS:

Please amend the claims as follows (clean version of the claims):

1. (Amended) A light modulator comprising:
- a. elongated elements arranged parallel to each other and configured in a grating plane, each elongated element comprising a reflective surface such that in operation an incident light diffracts into at least two diffraction orders; and
- b. means for adjusting a height of selected ones of the elongated elements relative to the grating plane such that in operation the incident light diffracts into a single non-zero diffraction order different than the at least two diffraction orders.

10. (Amended) The light modulator of claim 9 wherein the at least two diffraction orders comprise a zeroth order diffraction and one of a plus or minus second order diffraction.